

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/528794	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:13
S2	638	osamu near2 ishigami tetsuya near2 kondo.yoshimitsu near2 ogawa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:14
S3	1	S2 and alkaline and passivat\$3 and air adj bubbl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:15
S4	1	S2 and alkaline and passivat\$3 and oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 12:16
S5	1	S2 and passivat\$3 and oxygen and hydroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 14:12
S10	10	hydroxide with (coating forming formation) and air near2 (bubbling blow\$3 inject\$3)	EPO; JPO	OR	ON	2007/10/12 14:28
S9	1	alkaline and hydroxide with (coating forming formation) and air near2 (bubbling blow\$3 inject\$3)	EPO; JPO	OR	ON	2007/10/12 14:28
S8	316	S7 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 14:34
S12	0	SOYAMA adj HITOSHI and SATO adj TAKESHI and SAKA adj MASUMI	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 14:42
S13	2884	stainless adj steel and passivat\$3 and (NaOH alkaline hydroxide)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 14:57

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S11	13	stainless adj steel and passivat\$3 and (NaOH alkaline hydroxide)	EPO; JPO	OR	ON	2007/10/12 14:57
S15	114	S6 and (passivat\$3 coat\$4) same (stainless adj steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:00
S14	231	S6 and (passivat\$3 coat\$4) same (stainless adj steel iron ferrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:00
S7	409	S6 and (passivat\$3 coat\$4) with (metal\$3 stainless adj steel iron ferrous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:00
S6	882	alkaline and hydroxide with (coating forming formation) and air near2 (bubbling blow\$3 inject\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:02
S16	376	alkaline and hydroxide with (coating forming formation) and aeration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:05
S19	80	S18 and stainless adj steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:06
S17	55	S16 and stainless adj steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:06
S21	1955	hydroxide near4 (coating film layer) and stainless adj steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:07

## EAST Search History

S20	17101	hydroxide near4 (coating film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:07
S18	292	alkaline and hydroxide with (coating film layer) and aeration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:07
S23	558	S22 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:09
S24	124	S22 and ((148/240-287).ccls. 106/14\$.ccls. ("427" "428").clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:10
S22	793	hydroxide near4 (coating film layer) and stainless adj steel and ((air near2 bubbl\$3 inject\$3 blow\$3) aerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:10
S25	239	hydroxide near4 (coating film layer) and stainless adj steel and ((air near2 (bubbl\$3 inject\$3 blow\$3)) aerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:25
S27	177	cavitation adj corrosion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:30
S26	8	hydroxide near4 (coating film layer) and corro\$3 with metal\$5 and (substrate surface metal\$4) with (iron ferrous) and ((air near2 (bubbl\$3 inject\$3 blow\$3)) aerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:33

## EAST Search History

S28	3	hydroxide near4 (passivat\$3) and corro\$3 with metal\$5 and (substrate surface metal\$4) with (iron ferrous stainless adj steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 15:35
S29	18	alkaline near4 (passivat\$3) and corro\$3 with metal\$5 and (substrate surface metal\$4) with (iron ferrous stainless adj steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 16:03
S31	1	imamura near2 keiji and kawasaki near2 toshiharu and shinada near2 tomohiro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 16:11
S32	45	S30 and (air near2 (bubbl\$2 blow\$4 inject\$3) aerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 16:24
S30	254	(passivat\$3 passive) with stainless adj steel and pH and (hydroxide NaOH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 16:42
S33	91	(passivat\$3 passive) with (iron ferrous) and pH and (hydroxide NaOH) and (air near2 (bubbl\$2 blow\$4 inject\$3) aerat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 16:43
S35	645	S34 and ("148" "106" "427" "428"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:19
S34	2402	(coating layer film) near2 (metal\$3 steel) and (bubbl\$3 jet\$4) with oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/05 12:19

## EAST Search History

S38	31	S37 and (passiva\$4 coat\$3 treat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 09:43
S37	44	separator and press adj form\$3 with passage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 09:53
S40	94	S39 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 10:01
S41	104	ohtani.in. and (separator spacer) and passiva\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 10:03
S43	6	ohtani.in. and (separator spacer).ti. and passiva\$4 and press adj form\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 10:04
S42	14	ohtani.in. and (separator spacer).ti. and passiva\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 10:04
S36	136	S34 and ("148" "106" "427" "428"). clas. and alkaline and (dried dry\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:04
S46	8	heimann.in. and bubbl\$3 same air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:05

## EAST Search History

S45	52	heimann.in. and bubbl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:05
S44	5	heimann.in. and bubbl\$3 with air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:05
S48	120	("427" "428").clas. and bubbl\$4 with air and steel and passiv\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:31
S50	99	(148/240-287 106/14\$).ccls. and aerat\$3 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:45
S47	79	(148/240-287 106/14\$).ccls. and bubbl\$4 with air and steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 15:45
S51	2	"6096650".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 11:25
S52	93	(passivat\$3) with steel and alkaline with clean\$4 same rins\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 11:26
S39	121	(separator spacer) with press adj form\$3 and (passiva\$4 coat\$3 treat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 12:26

## EAST Search History

S54	1	(separator spacer) with press adj form\$3 and passiva\$4 and lubrica\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 12:28
S56	0	(separator spacer) with press adj form\$3 same lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:36
S55	1	(separator spacer) with press adj form\$3 same lubricant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:36
S58	9	(separator spacer) with press adj form\$3 and lubrica\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:37
S59	2439	(separator spacer) with press\$3 same lubrica\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:39
S57	1	(separator spacer) with press adj form\$3 same lubrica\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:39
S61	253	(separator spacer).ti. and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:40
S60	681	(separator spacer).ab. and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:40

## EAST Search History

S62	7	(separator spacer).ti. and S59 and fuel adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:41
S63	1371	(separator spacer) with press\$3 and passiva\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:44
S53	21	(separator spacer) with press adj form\$3 and passiva\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:44
S65	102	S64 not S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:45
S66	31	(separator spacer) with (pressing pressed) and passiva\$4 and fuel adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:46
S64	103	(separator spacer) with press\$3 and passiva\$4 and fuel adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 13:46
L2	678	alkaline with (clean\$3 degreas\$3) same surfactant same salt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:16
L4	19	alkaline with (clean\$3 degreas\$3) same surfactant same salt and passivat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/07 16:17